## **PCT**







## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6:

B65B 57/02, G01B 3/12

(11) International Publication Number: WO 98/58843

(43) International Publication Date: 30 December 1998 (30.12.98)

(21) International Application Number: PCT/SE98/00941 (81) Design

(22) International Filing Date: 20 May 1998 (20.05.98)

9702406-1 23 June 1997 (23.06.97) SE

(71) Applicant (for all designated States except US): SUNDS DEFI-BRATOR INDUSTRIES AB [SE/SE]; S-851 94 Sundsvall (SE).

(72) Inventor; and

(30) Priority Data:

(75) Inventor/Applicant (for US only): EDSTRÖM, Tomas [SE/SE]; Vedettbåtsvägen 11, S-865 51 Ankarsvik (SE).

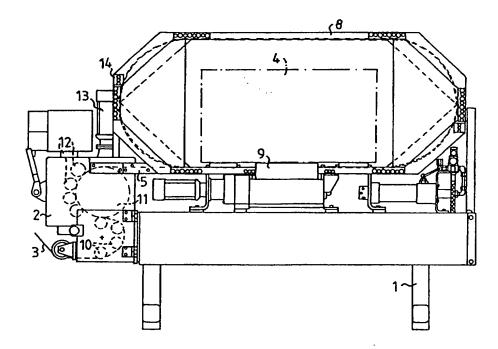
(74) Agent: SUNDQVIST, Hans; Sunds Defibrator Industries AB, Strandbergsgatan 61, S-112 51 Stockholm (SE).

(81) Designated States: BR, CA, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

**Published** 

With international search report.

(54) Title: BINDING MEANS



(57) Abstract

A means for binding wire around an object. The means comprises a feeding unit (2) with a feeding wheel (11) for feeding and stretching the wire (3). The measuring of fed wire length normally takes place in that the feeding wheel (11) rotates through a predetermined number of revolutions. Sliding between the wire (3) and feeding wheel (11), however, implies that the position of the wire cannot be determined accurately. As a solution of this problem a separate measuring means (5) is provided for continuously measuring the fed wire length (3), where the measuring is carried out without the measuring means (5) feeding the wire (3).